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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/686,703 Confirmation No. : 8816  
First Named Inventor : Atsushi KOSHIZAKA  
Filed : October 17, 2003  
TC/A.U. : 2681  
Examiner : (To Be Assigned)  
Docket No. : 056203.52848US  
Customer No. : 23911  
Title : High-Frequency Transceiver Apparatus and Method  
of Manufacturing the Same

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R § § 1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This supplements the Information Disclosure Statement submitted in the above-identified application on May 3, 2005.

Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

English abstracts summarizing the disclosures of references AA-AE are submitted herewith.

Applicant also encloses herewith a copy of the Japanese Office Action dated May 10, 2005.

The present Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits. Furthermore, I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a

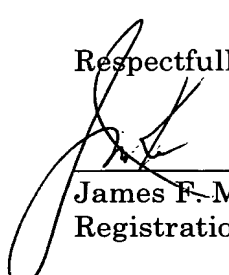
counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement and therefore no fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, the paper should be considered as a petition for consideration of the Information Disclosure Statement under 37 C.F.R. § 1.97(d)(1) and that the petition fee set forth in 37 C.F.R. § 1.17(p) in accordance with 37 C.F.R. § 1.97(d)(2) should be charged to Deposit Account 05-1323, Attorney Docket No.: 056203.52848US.

Respectfully submitted,

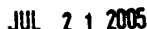
July 21, 2005



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Approved for use through 07/31/2006. OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/686,703	
			Filing Date	October 17, 2003	
			First Named Inventor	Atsushi KOSHIZAKA	
			Art Unit	2681	
			Examiner Name	(To Be Assigned)	
Sheet	1	of	1	Attorney Docket Number	056203.52848US

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	AA	JP 2002-76770 A	03/15/2002	Hitachi Ltd.; Hitachi Car Eng. Co., Ltd.		ABS
	AB	JP 2001-217622 A	08/10/2001	Hitachi Ltd.; Hitachi Car Eng. Co., Ltd.		ABS
	AC	JP 2002-64330 A	02/28/2002	Hitachi Ltd.; Hitachi Car Eng. Co., Ltd.		ABS
	AD	JP 2001-110976 A	04/20/2001	Mitsubishi Electric Co.		ABS
	AE	JP-58-54114	04/13/1983	DX Antenna Corp.		ABS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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